

## TROUBLE

## CAUSE

Motor will not start

- 1) Toggle kill switch on handle is off.
- 2) Engine stop switch is in "OFF" or "O" position.
- 3) Torque tube is not connected at the engine end.
- 4) Fuel level is too low in gas tank.
- 5) On oil guard equipped engine, oil level is too low.
- 6) Spark plug is fouled.

Cannot connect or disconnect auger.

- 1) Foreign matter clogging adaptor.
- 2) Spring and button in top of auger is bent or broken.
- 3) Adaptor is bent.

Auger turns too slowly and will not dig.

- 1) Too much down pressure or binding on side of hole. Hold back if necessary to allow auger to turn at full speed.

Auger turns but will not dig.

- 1) Foreign matter collected around point.
- 2) Point or blade is dull.
- 3) Wrong type blade for soil conditions. Contact dealer or factory for Little Beaver carbide blades.

Auger with extension will not dig.

- 1) Auger or extensions bent or running out of line.
- 2) Number of extensions exceeds machine capacity.

Transmission overheats.

- 1) It is normal for the transmission to run very warm to the touch. If you feel it is too hot, consult your dealer or factory.

Auger turns when engine idles.

- 1) Do not use. Contact your dealer or factory.

Problems not listed in table.

- 1) Contact your dealer or factory.

## SAFETY PRECAUTIONS



**DANGER:** Failure to observe safety instructions and reasonable safety practices can cause Property Damage, Serious Bodily Injury and/or Death. **BE CAREFUL!! WATCH OUT FOR BYSTANDERS!!**



**DANGER:** NEVER run engine inside building or enclosed area.



**DANGER:** NEVER drill holes where there is a possibility of underground power cables or other hazards.



**WARNING:** Augers are not to be used as anchoring devices.



### CAUTION:

- READ and understand your operator's manual and the operator's manual for the engine.
- NEVER Operate drill without correctly installing torque tube.
- NEVER Remove auger from hole while auger is turning.
- NEVER Operate auger at less than full throttle.
- NEVER Operate drill with damaged auger or other damaged or missing parts.
- KEEP Hands, Feet and Clothing away from moving parts while engine is running.
- KEEP All safety shields and devices in place.
- MAKE Certain everyone is clear before operating the machine.
- KEEP leg pad against leg while drilling to maintain safe control.
- WEAR SAFETY GLASSES.
- KEEP Bystanders away from work area.
- SHUT OFF Engine to adjust, service or clean the machine.

## Little Beaver How-To Series

Basic Operating Instructions for the Mechanical Earth Drill



For over 40 years, the versatile Little Beaver mechanical earth drill has been the #1 choice of professionals who require a one-man auger that is safe and simple to operate. Thanks to our unique Torque Tube, we've eliminated the kickback found in other drills and made one-man post hole drilling safe and productive. Follow the instructions in this guide to ensure proper operation.



**LITTLE BEAVER**  
EARTH DRILLS & AUGERS

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**1-800-227-7515**

Mechanical Earth Drill

**For Further Inquires Call: 1-800-227-7515**

## OPERATING INSTRUCTIONS

# How to operate the Earth Drill

### BEFORE STARTING THE ENGINE

Be certain that:

- (1) The torque tube is properly attached.
- (2) There is no auger connected to the handle.
- (3) All kill switches are "ON"

### TO START THE ENGINE

Set the choke lever to the "ON" position and pull the starter rope. The engine should start after two or three pulls. Set the choke lever to "OFF" and allow the engine to warm up for two or three minutes.

### AFTER THE ENGINE HAS WARMED UP

Insert the auger into the drive adaptor on the bottom of the handle. Make sure that the button snaps into place. Hold the handle so that your left index finger can operate the throttle. Grasp the right handle bar with your right hand. Stand so that the auger is straight up and down and is properly positioned to dig your hole.

Note the safety signs on the unit.

**IMPORTANT:** Keep your back as vertical as possible by bending your legs as required during the operation and lifting procedure.

### START THE AUGER TURNING

Pull the throttle lever in completely. Always allow the auger to turn at full speed and let it cut its way into the soil. In loose sand, hold back so the auger will not screw into the ground. In harder soils, you may have to apply slight pressure, but not enough to stall the auger or slow it down significantly. The auger works best when it turns at full speed.

**IMPORTANT:** Avoid potential damage to drive line components from overheating clutch: If auger stops turning, release throttle lever and lift handle to free auger of obstruction before proceeding.

When the desired depth is reached, stop the auger by releasing the throttle lever. Pull the auger completely out of the hole. **NEVER** remove the auger from the hole while it is still turning.

### CHECK THE CUTTING BLADE

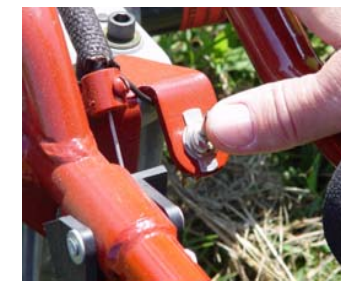
Check the sharpness of the cutting blade frequently. If it becomes dull, check with your dealer or factory for a replacement. Do not use an auger blade which has worn even with the auger flighting. **NEVER** operate the earth drill with a damaged auger.



**1** Slide round end of torque tube onto torque bar attached to handle.



**2** Snap torque tube onto connector at engine end.



**3** Flip kill switch to "ON" position.



**4** Starting position: pull starter rope.



**5** Attach auger to transmission adaptor.



**6** Stand with feet well clear of auger. Pull throttle lever in completely to start the auger turning.



**7** For safety, always keep leg pad against leg while digging.



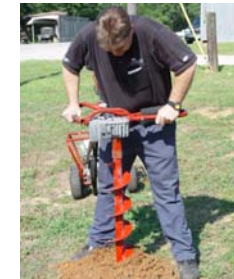
**8** When hole is complete stop auger and pull out for clean hole.



**9** For greater depths, un-snap auger from transmission.



**10** Snap extension to auger.



**11** Continue digging with auger and extension.



**12** Remove handle, then remove auger and extension from hole.